



# SPYWOLF

## Security Audit Report



Completed on  
**November 22, 2023**

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SPYWOLF.CO





# OVERVIEW

This audit has been prepared for **PropelCrypto** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

”





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# PropelCrypto



## PROJECT DESCRIPTION

### **According to their website:**

“PropelCrypto (PCR) is an ERC20 and BEP20 Token based respectively on the Ethereum and Binance blockchain.

With a total supply of 1 quadrillion reduced to 1,000,000,000 (After burn) for ERC20 and 1,000,000,000 for BEP20. Its purpose is to serve as Entrepreneurs’ Token in Africa and beyond, enabling them to hold, own, trade for profit and become the engine of empowering financially, a Free Tuition Business School for 100% Entrepreneurship.”

**Release Date:** Presale starts in November, 2023

**Category:** DeFi



# CONTRACT INFO

Token Name PropelCrypto	Symbol PCR
Contract Address 0xba281683B7917eF27EBED6Dda2839632faDcCddd	
Network Binance Smart Chain	Language Solidity
Deployment Date Nov 18, 2023	Contract Type Standard token
Total Supply 1,000,000,000	Status Not launched

## TAXES



\*Taxes cannot be changed



## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



## TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	1000000000 PCR
Median Transfer Amount	1000000000 PCR
Average Transfer Amount	1000000000 PCR
First transfer date	2023-11-18
Last transfer date	2023-11-18
Days token transferred	1

## SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	2023-11-18 07:51:06 UTC
Created	2023-11-18 07:51:06 UTC
Create TX	0x2ccfd0dae4159e111042e98f82ce3f2608b1684e9d40d4342d7082fcbe29f409
Creator	0xf91c4558dd42b4cde671577dabf202296a57clae



# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

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Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.





# FOUND THREATS

## High Risk

No high risk-level threats found in this contract.

## Medium Risk

No medium risk-level threats found in this contract.

## Low Risk

No low risk-level threats found in this contract.



RECOMMENDATIONS FOR

# GOOD PRACTICES

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1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## PropelCrypto

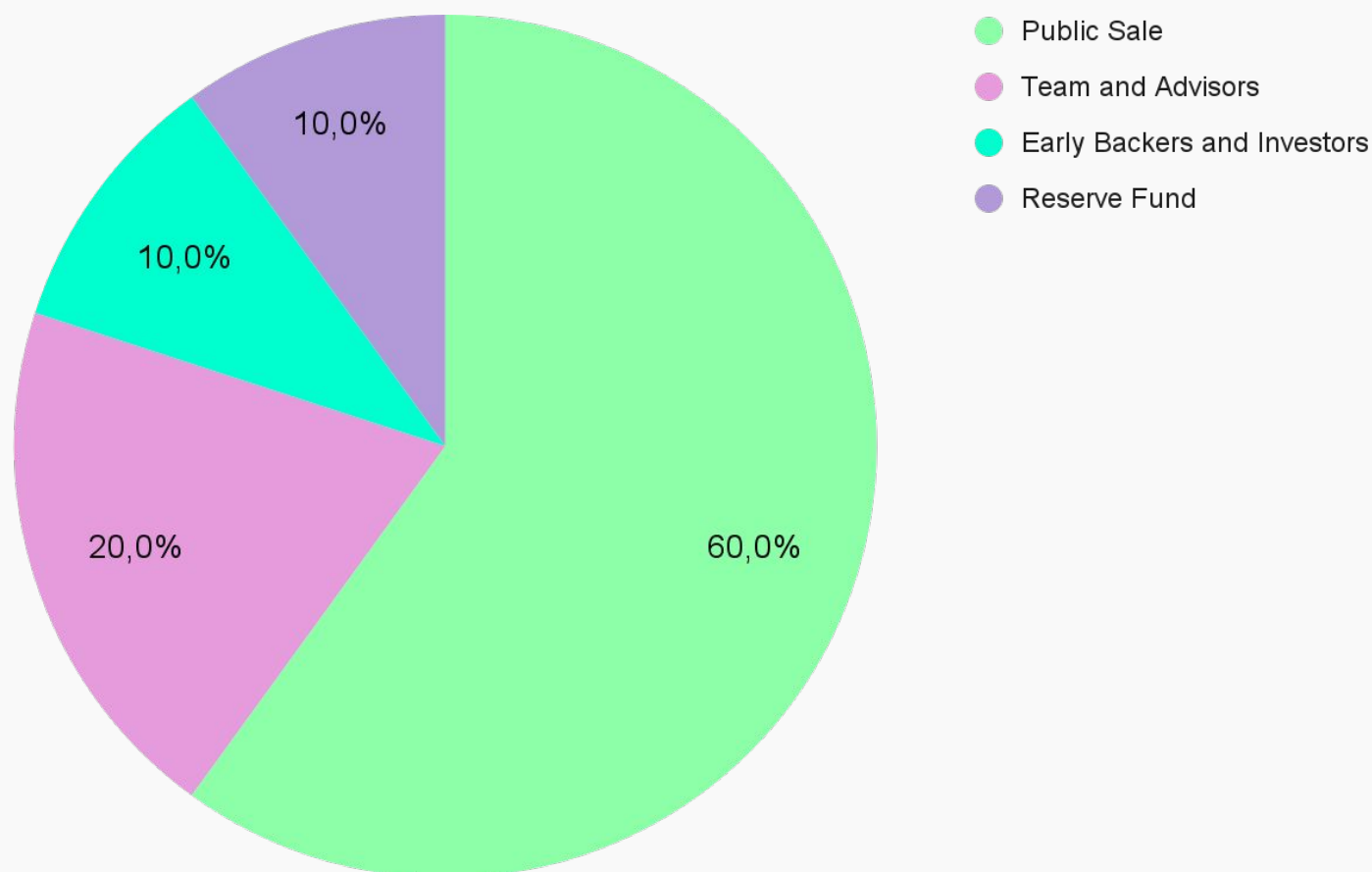
### GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



The following tokenomics are based on the project's whitepaper and/or website:

- Public Sale: 60%
- Team & Advisors: 20%
- Early Backers & Investors: 10%
- Reserve Fund: 10%



#### Token Utility:

To achieve its goal of mass adoption in Africa and beyond, PCR aims to build a strong community around the token, using marketing campaigns and taking advantage of the rising popularity of cryptocurrency on the continent.

In line with promoting entrepreneurship, PCR seeks to contribute to Africa's development by setting up a Free Tuition Business School for 100%

Entrepreneurship with Business Financing for all students at the end of their program. Therefore, PCR will also serve as a means of crowdfunding for the Entrepreneurship Business School.

#### Whitepaper link:

<https://propelcrypto.online/wp-content/uploads/2023/11/WHITE-PAPER.pdf>

TOKENOMICS

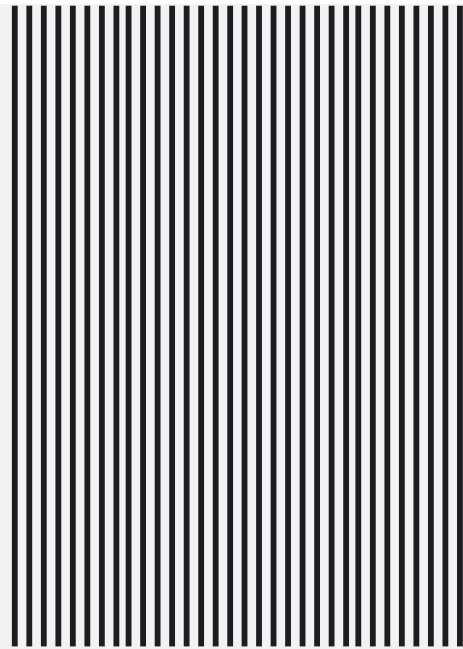


# THE TEAM



## The team has privately doxxed to FusionTech

<https://github.com/fusiontechofficial/Smart-Contract-Audits/blob/main/PropelCrypto/PropelCrypto%20-%20KYC%20Certificate.png>





# WEBSITE

**Website URL**  
<https://propelcrypto.online/>

**Domain Registry**  
<https://www.godaddy.com>

**Domain Expiration**  
2024-03-14

**Technical SEO Test**  
Passed

**Security Test**  
Passed. SSL certificate present

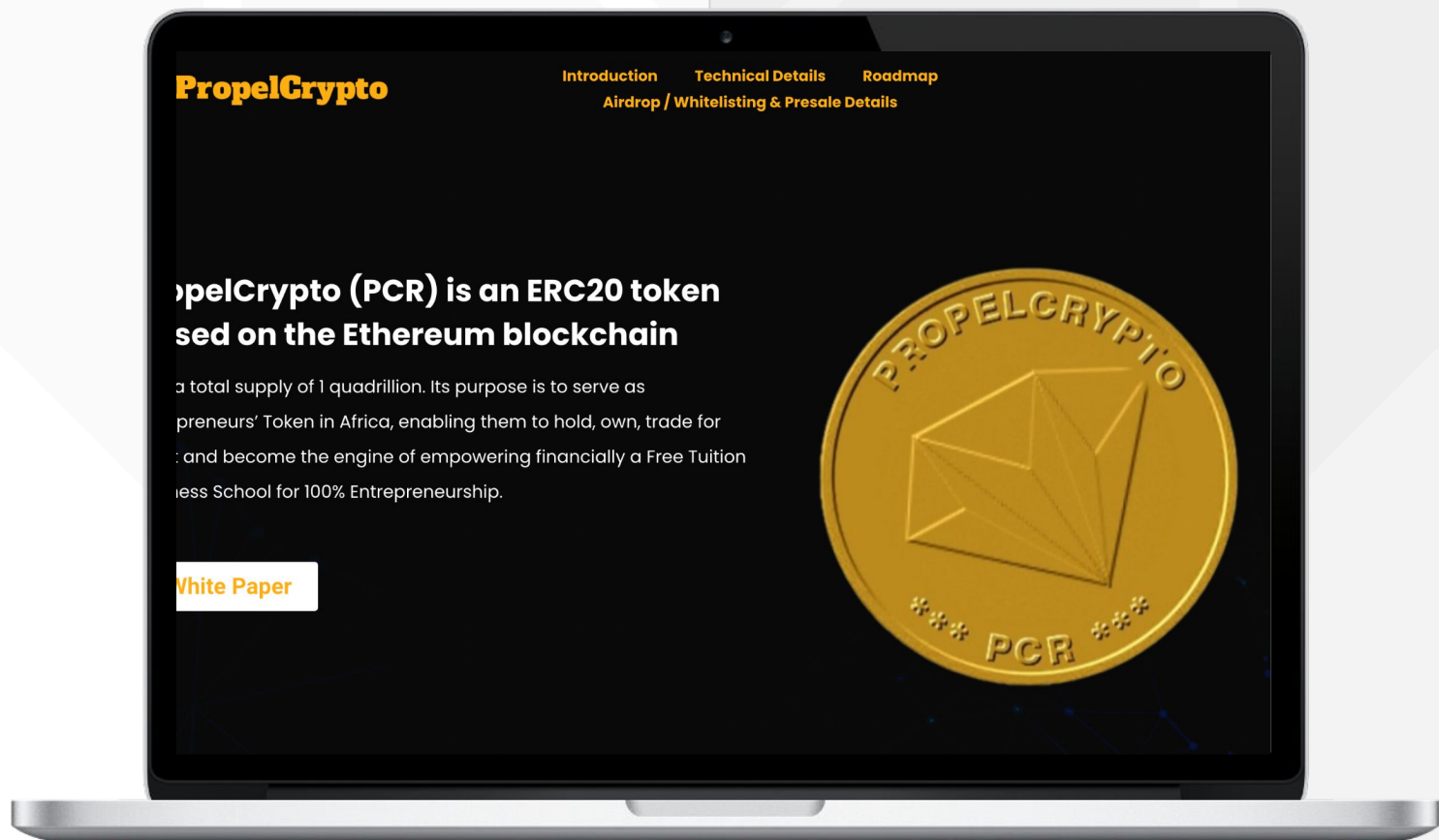
**Design**  
Single page design with appropriate color scheme and graphics.

**Content**  
The information helps new investors understand what the product does right away. No grammar mistakes found.

**Whitepaper**  
Well written, explanatory.

**Roadmap**  
Yes, goals set with time frames.

**Mobile-friendly?**  
Yes



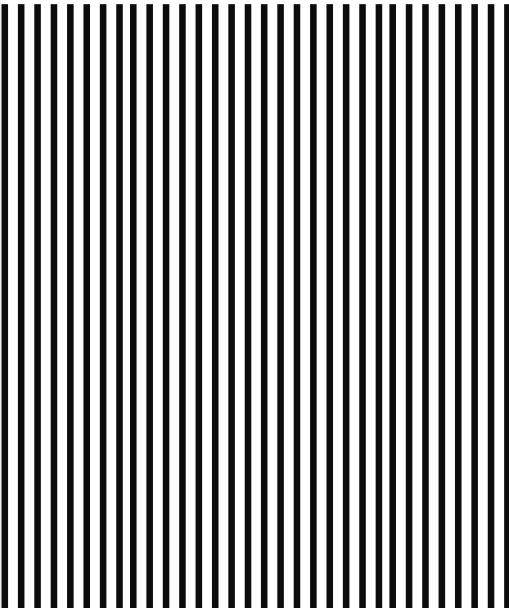
# propelcrypto.online



# SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS  
Project’s social media pages are active



Twitter  
@PropelCryptoPCR

- 1 141 followers
- Posts frequently
- Active



Discord

- Not available



Telegram  
@PropelCryptogroup

- 646 members
- Active members
- Active mods



Medium  
@propelcrypto

- 949 Followers
- 19 articles



# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

# ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 700 SUCCESSFUL CLIENTS
- ✓ MORE THAN 1000 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.